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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/046,240		01/16/2002	Qingyuan Chen	0011-0382P	4371	
2292	7590	08/19/2003				
		KOLASCH & BI	EXAMI	EXAMINER		
PO BOX 747 FALLS CHU		A 22040-0747	POLITZER, JAY L			
				ART UNIT .	PAPER NUMBER	
		•		2856		
				DATE MAILED: 08/19/2003	DATE MAILED: 08/19/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

				+ +				
	•	Applicati n No.	Applicant(s)	Me				
• :		10/046,240	CHEN ET AL.	•				
**	Office Action Summary	Examiner	Art Unit					
		Jay L Politzer	2856					
Period fo	The MAILING DATE of this communication app or Reply	pears on the cover sheet with the	correspondence addre	SS				
A SH THE   - External fer   - If the   - If NO   - Failur   - Any	ORTENED STATUTORY PERIOD FOR REPL'MAILING DATE OF THIS COMMUNICATION. Insions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. In period for reply specified above is less than thirty (30) days, a reply operiod for reply is specified above, the maximum statutory period or the to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be ti y within the statutory minimum of thirty (30) da will apply and will expire SIX (6) MONTHS fror , cause the application to become ABANDON	mely filed ys will be considered timely. n the mailing date of this comm ED (35 U.S.C. § 133).	unication.				
1)⊠	Responsive to communication(s) filed on 24.	July 2003 .						
2a) <u></u> □	This action is FINAL. 2b)⊠ Th	is action is non-final.						
3)□	Since this application is in condition for allow closed in accordance with the practice under	ance except for formal matters, p Ex parte Quayle, 1935 C.D. 11,	prosecution as to the n 453 O.G. 213.	nerits is				
•	ion of Claims							
-	Claim(s) <u>1-30</u> is/are pending in the application		tion					
	4a) Of the above claim(s) <u>1-6,14,15 and 24-30</u>	is/are withdrawn from considera	uon.					
·	Claim(s) 7-13 is/are allowed.							
•	Claim(s) <u>16-23</u> is/are rejected.							
-	Claim(s) is/are objected to.	er alastian requirement						
	Claim(s) are subject to restriction and/o	r election requirement.						
	The specification is objected to by the Examine	er.						
•	The drawing(s) filed on is/are: a)□ acce		aminer.					
,—	Applicant may not request that any objection to th							
11)	The proposed drawing correction filed on	_ is: a)□ approved b)□ disappr	roved by the Examiner.					
	If approved, corrected drawings are required in re	ply to this Office action.						
12)	The oath or declaration is objected to by the Ex	caminer.						
Priority (	under 35 U.S.C. §§ 119 and 120							
13)	Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C. § 119(	(a)-(d) or (f).					
a)	☐ All b)☐ Some * c)☐ None of:							
	1. Certified copies of the priority document	s have been received.						
	2. Certified copies of the priority document	s have been received in Applica	tion No					
* (	3. Copies of the certified copies of the prio application from the International Buse the attached detailed Office action for a list	ıreau (PCT Rule 17.2(a)).		age				
14) 🗌 <i>A</i>	Acknowledgment is made of a claim for domest	ic priority under 35 U.S.C. § 119	(e) (to a provisional ap	plication).				
	<ul> <li>The translation of the foreign language pro Acknowledgment is made of a claim for domest</li> </ul>							
Attachmen	at(s)							
2) Notice	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449) Paper No(s) _	5) Notice of Informa	ry (PTO-413) Paper No(s). I Patent Application (PTO-1					
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## DETAILED ACTION

#### ALLOWABLE SUBJECT MATTER:

- 1. Claims 7-13 and 22-23 are allowed.
- 2. The following is an examiner's statement of reasons for allowance: The prior art fails to teach or fairly suggest a method of determining the amount of gas in an incompressible liquid by subjecting the mixture to three pairs of pressure/volume measurements and converting to standard temperature and pressure conditions.

### OBJECTIONS/REJECTIONS:

- 3. Claim 16-21 are objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form. Claims 16 and 17 refer to mixing solids and liquids but the base claim 7 refers to mixing gas with liquid.
- 4. Claims 16-21 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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Claims 16 and 17 fail to further limit the subject matter of a previous claim. Claims 16 and 17 refer to mixing solids and liquids but the base claim 7 refers to mixing gas with liquid.

#### COMMENTS:

The square brackets on P 19, 23 and 24 can be mistaken for editing directions.

Claims 16-21 come very close to double patenting against US PAT 6,496,781.

The equation at the top of P 5, appears to have the wrong units.

INQUIRIES:

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jay L Politzer whose telephone number is 305-4930. The examiner can normally be reached on 1.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron Williams can be reached on 703-305-4705. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-4427 for regular communications and 703-308-7725 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4900.

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JLP July 30, 2003

HEZRON WILLIAMS

SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2800